

FIG. 1

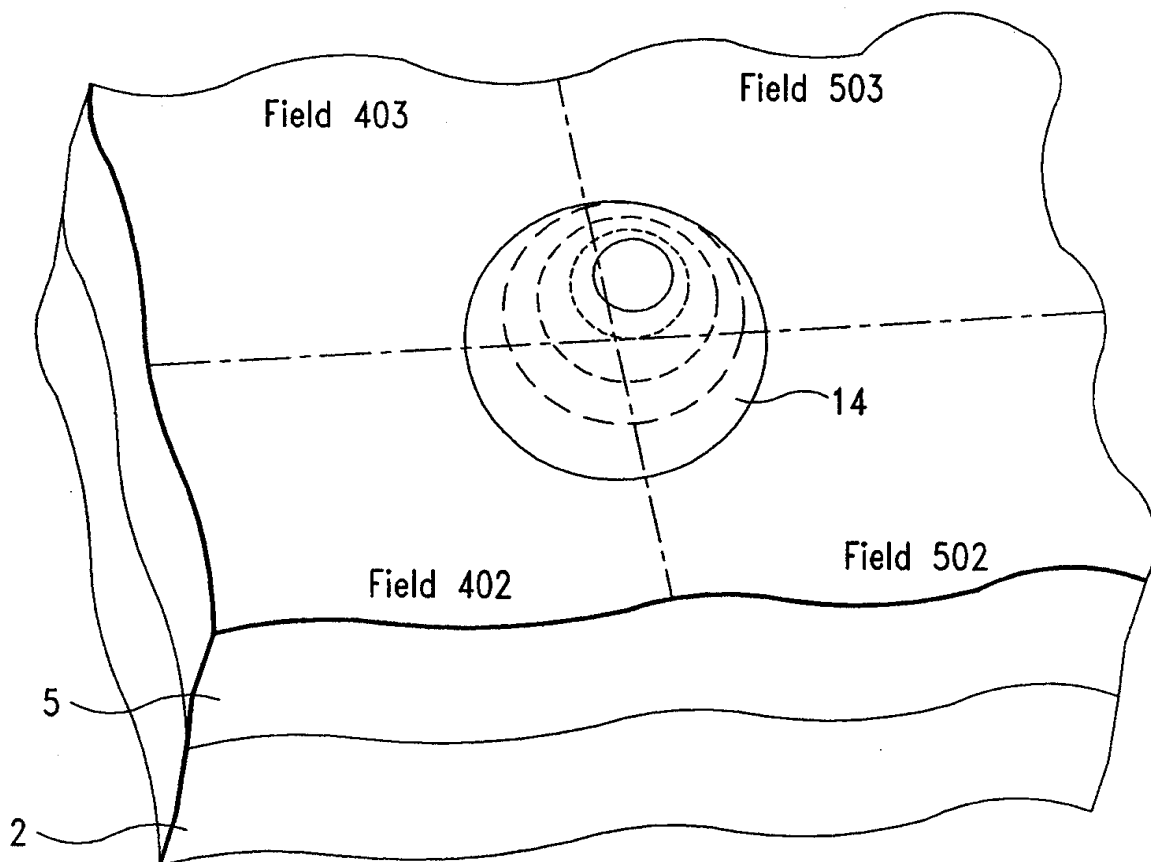


FIG. 2

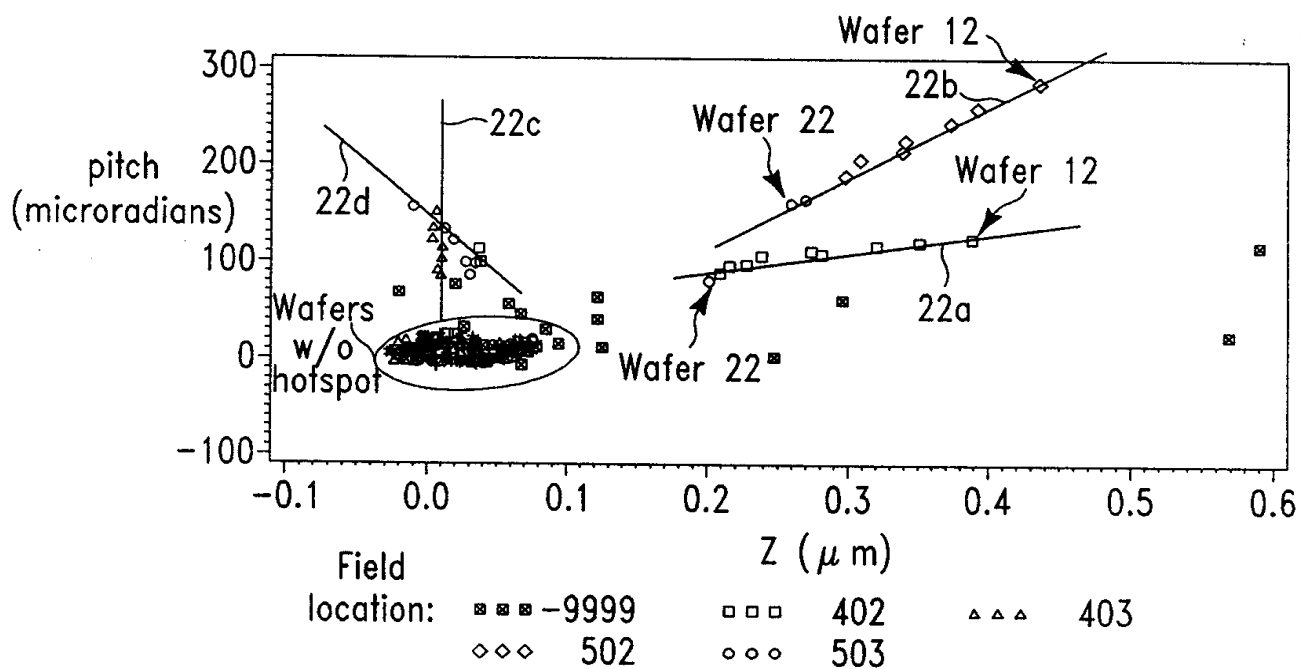


FIG. 3

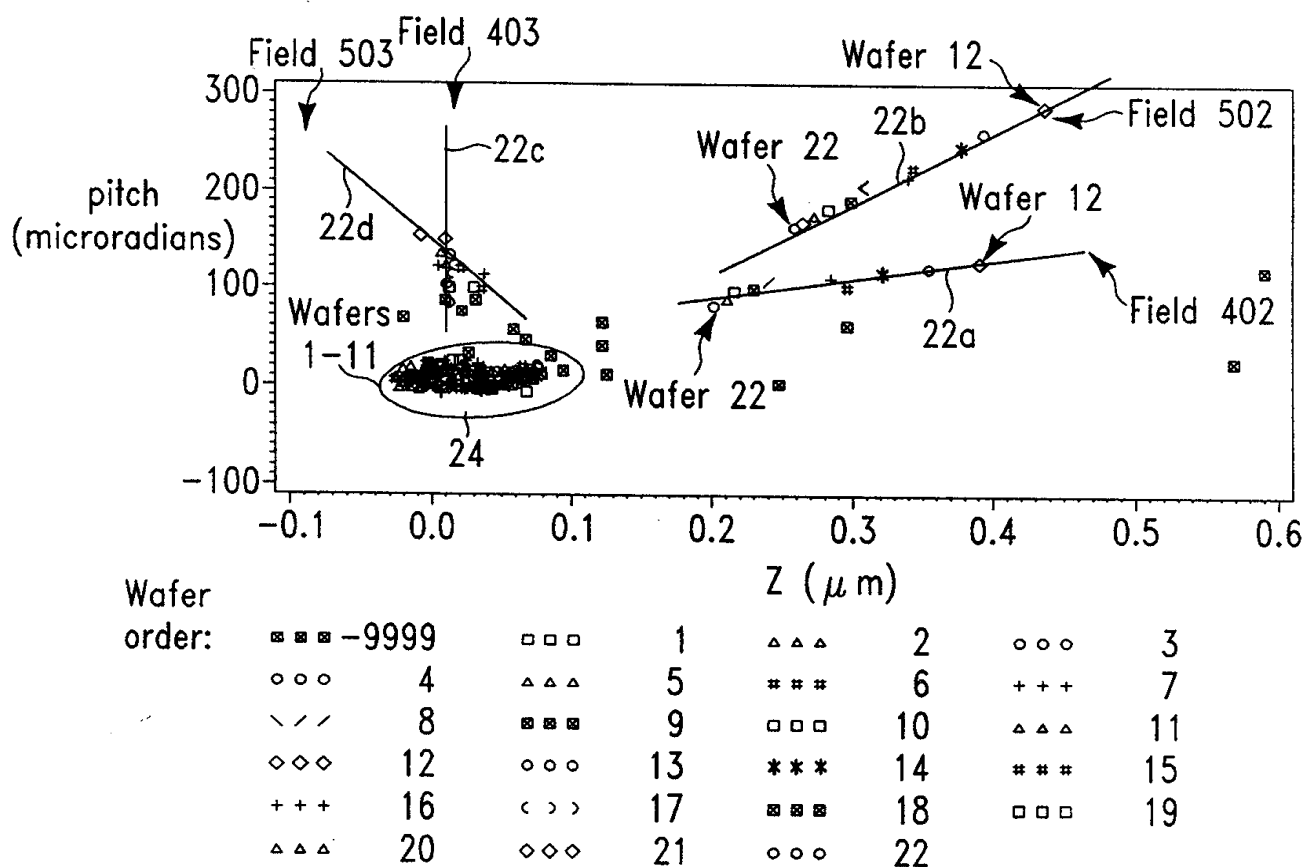
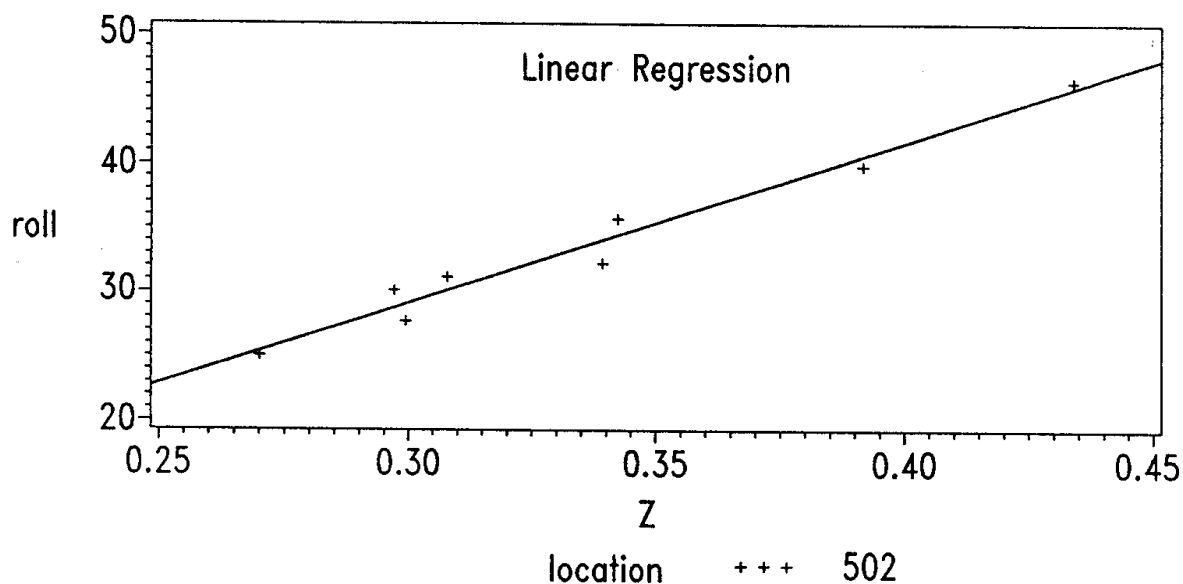
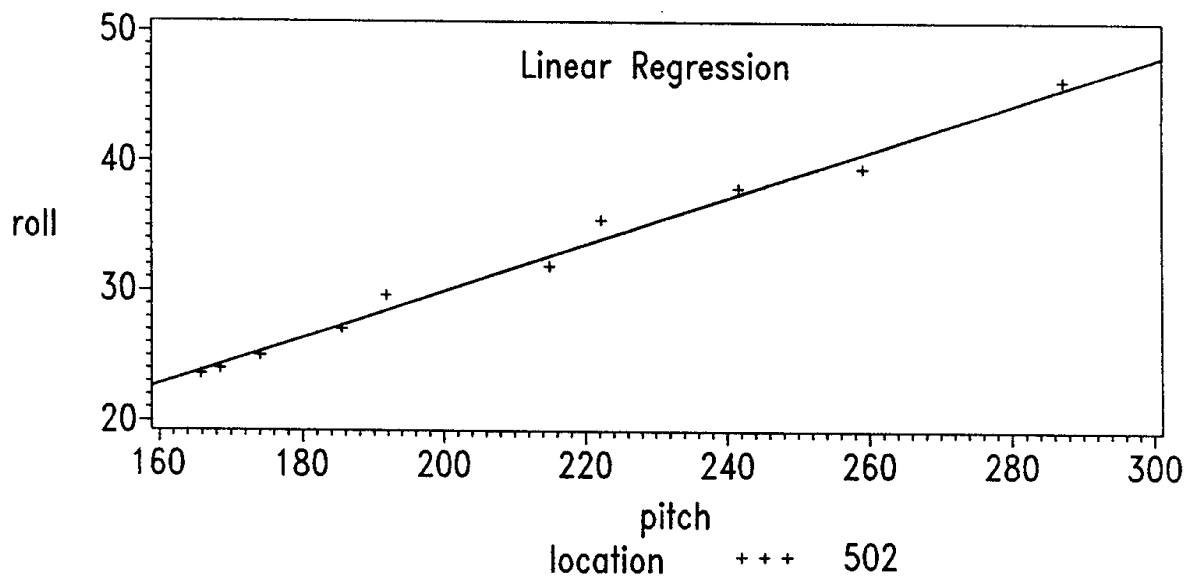


FIG. 4



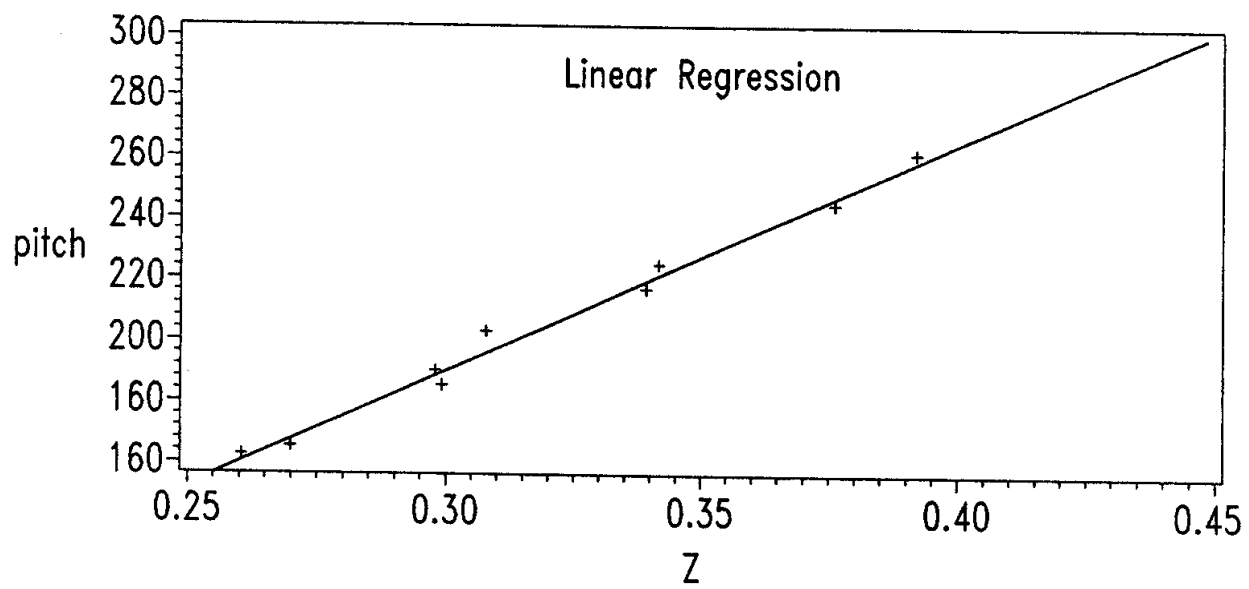
Regression Equation:  
 $\text{roll}(\text{location: } 502) = -7.528749 + 122.9091 * z$

**FIG. 5A**



Regression Equation:  
 $\text{roll}(\text{location: } 502) = -3.389747 + 0.16977 * \text{pitch}$

**FIG. 5B**



location + + + 502

Regression Equation:  
 $\text{pitch}(\text{location: } 502) = -24.75817 + 725.1388 * z$

**FIG. 5C**